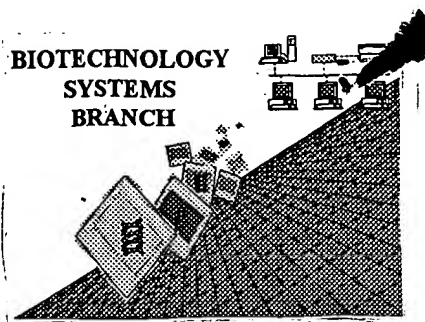


BIOTECHNOLOGY
SYSTEMS
BRANCH



112

RAW SEQUENCE LISTING
ERROR REPORT

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Application Serial Number: 09/874991
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Date Processed by STIC: 12/28/2001

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FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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1. EFS-Bio (<<http://www.uspto.gov/ebe/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)

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1653

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/874,991

DATE: 12/28/2001

TIME: 16:09:23

Input Set : A:\77870042.app

Output Set: N:\CRF3\12282001\I874991.raw

**Does Not Comply
Corrected Diskette Needed***pp 1-3*

3 <110> APPLICANT: MOND, JAMES J.
4 FLORA, MICHAEL
5 KLINMAN, DENNIS M.
7 <120> TITLE OF INVENTION: IMMUNOSTIMULATORY RNA/DNA HYBRID MOLECULES
9 <130> FILE REFERENCE: 07787.0042-00
11 <140> CURRENT APPLICATION NUMBER: 09/874,991
12 <141> CURRENT FILING DATE: 2001-06-07
14 <150> PRIOR APPLICATION NUMBER: 60/209,797
15 <151> PRIOR FILING DATE: 2000-06-07
17 <160> NUMBER OF SEQ ID NOS: 620
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 30
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
28 oligonucleotide
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31 aaaaaaaaaa aaaacgttaa aaaaaaaaaa 30
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35 <211> LENGTH: 30
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
41 Synthetic DNA/RNA oligonucleotide
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
45 DNA/RNA oligonucleotide
47 <400> SEQUENCE: 2
48 aaaaaaaaaa aaaacgttaa aaaaaaaaaa 30
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52 <211> LENGTH: 30
53 <212> TYPE: DNA
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
58 Synthetic DNA/RNA oligonucleotide
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
62 DNA/RNA oligonucleotide
64 <400> SEQUENCE: 3
65 aaaaaaaaaa aaaacguuaa aaaaaaaaaa 30
68 <210> SEQ ID NO: 4
69 <211> LENGTH: 30
70 <212> TYPE: RNA

invalid see p. 2

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/874,991

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TIME: 16:09:23

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*Per 1.823 of
Sequence Rules,
use DNA as
<2127> response
when sequence
is a combined
DNA/RNA.*

71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
75 Synthetic oligonucleotide
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87 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
88 Synthetic DNA/RNA oligonucleotide
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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99 <211> LENGTH: 30
100 <212> TYPE: DNA
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104 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
105 Synthetic DNA/RNA oligonucleotide
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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111 <400> SEQUENCE: 6
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115 <210> SEQ ID NO: 7
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117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
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124 <220> FEATURE:
125 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
139 Synthetic DNA/RNA oligonucleotide

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/874,991

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TIME: 16:09:23

Input Set : A:\77870042.app

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141 <220> FEATURE:
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168 <212> TYPE: RNA
169 <213> ORGANISM: Artificial Sequence
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173 Synthetic DNA/RNA oligonucleotide
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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179 <400> SEQUENCE: 10
180 gggggggggg ggaacguugg gggggggggg 30
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184 <211> LENGTH: 30
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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198 <212> TYPE: DNA
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201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
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205 tcaacgtaa cgtt 14
208 <210> SEQ ID NO: 13
209 <211> LENGTH: 26
210 <212> TYPE: DNA

use DNA as
[212]
response

Please
correct
this
error
in
subsequent
sequence.

RAW SEQUENCE LISTING

DATE: 12/28/2001

PATENT APPLICATION: US/09/874,991

TIME: 16:09:23

Input Set : A:\77870042.app

Output Set: N:\CRF3\12282001\I874991.raw

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213 <220> FEATURE:
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217 tccatgacgt tctgatgct aacgtt 26
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223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
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229 atcgactctc gagcgttctc aacgtt 26
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252 <400> SEQUENCE: 16
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262 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
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274 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
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277 gagaacgctc gaccttccat aacgtt 26
280 <210> SEQ ID NO: 19
281 <211> LENGTH: 26
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/874,991

DATE: 12/28/2001

TIME: 16:09:23

Input Set : A:\77870042.app

Output Set: N:\CRF3\12282001\I874991.raw

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285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
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292 <210> SEQ ID NO: 20
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297 <220> FEATURE:
298 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
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306 <212> TYPE: DNA
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309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
312 <400> SEQUENCE: 21
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334 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
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352 <210> SEQ ID NO: 25
353 <211> LENGTH: 15
354 <212> TYPE: DNA
355 <213> ORGANISM: Artificial Sequence
357 <220> FEATURE:

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/874,991

DATE: 12/28/2001

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